

Date: Tue, 28 Dec 93 04:30:20 PST
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #160
To: Ham-Digital

Ham-Digital Digest Tue, 28 Dec 93 Volume 93 : Issue 160

Today's Topics:

AA4RE BBS Program V2.1P
Add-ons to KPC-3
FSK demod
JVFax trans Problem
Requestion for Location of KA9Q FAQ
So near and yet so far (5 msgs)
Xtal for Maxon DM-0530 data radio

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>

Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 28 Dec 1993 08:48:25 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!mozart.amil.jhu.edu!blaze.cs.jhu.edu!
jhunix.hcf.jhu.edu!aplcn.apl.jhu.edu!wb3ffv!howardl@network.ucsd.edu
Subject: AA4RE BBS Program V2.1P
To: ham-digital@ucsd.edu

Also as usual it is also available for BBS Download -or- Anonymous UUCP
from the WB3FFV Amateur Radio Bulletin Board System...

System Name: WB3FFV
User Login: bbs

Number: (410)-661-2475 -- 1200,2400,4800,7200,9600,12000,14400,19200,38400
(V.32/V.32bis/V.42/V.42bis/MNP1-5/HST)

Number: (410)-661-2598 -- 1200,2400,4800,7200,9600,12000,14400,19200,38400+
(V.32/V.32bis/V.42/V.42bis/MNP1-5/PEP/Turbo-PEP)

Number: (410)-661-2648 -- 1200 & 2400 (MNP1-5/V.42bis), 9600 & 19200 (PEP)

Data Settings: 8 Bits, NO Parity, 1 Stop Bit
Times: 24hrs/365days (except for routine maintenance)

Date: Tue, 28 Dec 1993 02:14:19 GMT
From: netcomsv!netcom.com!jfh@decwrl.dec.com
Subject: Add-ons to KPC-3
To: ham-digital@ucsd.edu

Has anyone added the clock chip to their KPC-3? If so, how accurate is it and how much did it cost (AES is closed now, which they always are when I think about calling them, so I can't ask). Is there something special about the module Kantronics sells, or is it just a TI chip with a markup?

Similar question for the 128K RAM expansion. Will any old RAM suffice?

--

Jack Hamilton POB 281107 SF CA 94128 USA
jfh@netcom.com kd6ttl@w6pw.#nocal.ca.us.na

Date: 27 Dec 93 16:45:46 GMT
From: news-mail-gateway@ucsd.edu
Subject: FSK demod
To: ham-digital@ucsd.edu

I take it that you are referring to the FSK signals carried on many FM stations under SCA (Secondary Carrier Authorization.) I might point out that it is technically illegal to demodulate some of these signals, but ironically, you can't tell if it is illegal unless you do:-)

For the demodulation of SCA FSK, a simple PLL demodulator (like the 565) is probably the easiest way to go. However, many FM receivers have a lot of phase/amplitude distortion in their IF, and/or their demodulators lack good phase/frequency/amplitude response. The result is that often, the low-level SCA subcarriers get clobbered by distortion from the demodulator by lower-frequency components. Multipath distortion also really kills such subcarriers.

The FSK chips (such as the MC3356 and MC13055 and other) use essentially an FM demodulator (yes, they all can be used for voice, etc.) followed by a simple data slicer. They use a floating slicing level (an ac-coupled signal input, really...) and a high-speed comparator. The MC3356 is rated to 500 kbaud (i.e. 250 KHz) and the MC13055 is rated to 2 megabaud. The '3356 could probably be pushed to over 1 mbaud and the '13055 has been pushed to 10 mbaud.

These chips work well but what would really make them work better is the filtering that you surround them. For simplicity, the 565 is a decent choice. Most '565 data books I have seen have specific examples of SCA demodulators...

<Clint>
clint@uugate.aim.utah.edu
ka7oei@uugate.wa7slg.ampr.org

Date: 27 Dec 1993 17:20:50 GMT
From: swrinde!cs.utexas.edu!howland.reston.ans.net!nctucca.edu.tw!cccanews!news!news.csie.nctu.edu.tw!jschang@network.ucsd.edu
Subject: JVFax trans Problem
To: ham-digital@ucsd.edu

Hi. this is Jason from Taiwan.
Some of my friend meet some problem while using JVFax 6.0.
When they transfer via two "notebooks" ,the result is correct.
But once they use a desktop pc ,as we use often, the image received become slope about 45 degree.
The most strange thing is if using notebook , it is ok. Only using desktop pc will the problem appear. But the parameters setting are all the same? We guess it may be asynchronous transferring, but how does it happened since we using the same setting ???

Please help us ,thanks.
73 de Jason

--

CQ CQ de Jason Jason Chang
My Qth is Hsin Chu ,Taiwan (BV3) jschang@csie.nctu.edu.tw

Date: 27 Dec 1993 20:05:49 -0500
From: swrinde!gatech!udel!news.sprintlink.net!clark.net!clark.net!not-for-mail@network.ucsd.edu

Subject: Requestion for Location of KA9Q FAQ
To: ham-digital@ucsd.edu

I'm looking for an FAQ on the KA9Q software package. Does anyone know where I can find such a beast?

--

Ack!

Creek, not creek; Pop not soda; Car needs washed...

Date: Mon, 27 Dec 1993 15:59:18 GMT
From: pacbell.com!att-out!cbfsb!cbnewsg.cb.att.com!jjd1@network.ucsd.edu
Subject: So near and yet so far
To: ham-digital@ucsd.edu

In article <2fdsh9\$1jt@news.ysu.edu> ad815@yfn.ysu.edu (John S. Kennedy) writes:

>

>Please forgive me for this one ... but I just had to tell SOMEONE
>about this so I figure ... hey ... why stop at the planet? <<Grin>>

>

>Yes, boys and girls ... it finally happened ... I met a young
>lady ON PACKET who is ... get this ... 21, within driving distance,
>and has been a ham since she was 11 YEARS OLD!

>

>..... B U T !!!!!!!!!!!!!

>

>SHE HAS A BOYFRIEND!!!!!!!!!!!!!!!!!!!!

>

>If there is a God, he is a mean, mean man ...

>

>Oh, what a close call ...

>

>But, hey ... if there really are eddies, currents, backwash to
>time and space, the actual one can't be far away, right?

>I just wonder what frequency <<Grin>>

About that comedy club stint? Did it go that badly?

=====

Steatopygias's 'R' Us. doh#00000000005 That ain't no Hottentot.
Sesquipedalian's 'R' Us. ZX-10. AMA#669373 DoD#564. There ain't no more.
"There is no cure for birth and death, save to enjoy the interval."
- Santanaya

=====

Date: Mon, 27 Dec 1993 09:10:11 -0700

From: orca.es.com!cnn.sim.es.com!msanders.sim.es.com!user@uunet.uu.net

Subject: So near and yet so far

To: ham-digital@ucsd.edu

In article <2fdsh9\$1jt@news.ysu.edu>, ad815@yfn.ysu.edu (John S. Kennedy) wrote:

>
> Please forgive me for this one ... but I just had to tell SOMEONE
> about this so I figure ... hey ... why stop at the planet? <<Grin>>
>
> Yes, boys and girls ... it finally happened ... I met a young
> lady ON PACKET who is ... get this ... 21, within driving distance,
> and has been a ham since she was 11 YEARS OLD!
>
> B U T !!!!!!!!!!!!!
>
> SHE HAS A BOYFRIEND!!!!!!!!!!!!!!!!!!!!
>
> If there is a God, he is a mean, mean man ...
>

> --

John:

There is always hope until she ties the knot with someone else! Keep being witty and charming over packet, maybe even contact on voice. People have been know to change minds, get rid of boyfriends (and girlfriends) etc. If her current boyfriend is not a ham, you have an even better chance. Also, you may want to get an eyeball on her before salivating too much. Send her a New Years card (you have her callsign and a callbook, no?) and put in a picture <if you dare>.

Milti

--

=====

Opinions, thoughts, &cetera are my own (when I can remember them).

"He flies the sky
Like an Eagle in the eye
of a hurricane that's abandoned."

KB7MSF
UTAH

America

Date: Mon, 27 Dec 1993 17:27:46 GMT
From: usc.edu!howland.reston.ans.net!pipex!sunic!news.funet.fi!ousrvr.oulu.fi!
oulu.fi!luru@network.ucsd.edu
Subject: So near and yet so far
To: ham-digital@ucsd.edu

In article <2fdsh9\$1jt@news.ysu.edu> ad815@yfn.ysu.edu (John S. Kennedy) writes:

> SHE HAS A BOYFRIEND!!!!!!!!!!!!!!!!!!!!

> If there is a God, he is a mean, mean man ...

A man?

No man could be so cruel...

Luru

Date: Mon, 27 Dec 1993 18:03:34 GMT
From: netcomsv!netcom.com!netcomsv!bongo!julian@decwrl.dec.com
Subject: So near and yet so far
To: ham-digital@ucsd.edu

In article <msanders-271293091011@msanders.sim.es.com> msanders@sim.es.com (Milt Sanders) writes:

>
>There is always hope until she ties the knot with someone else! Keep being
>witty and charming over packet, maybe even contact on voice. People have
>been know to change minds, get rid of boyfriends (and girlfriends) etc. If
>her current boyfriend is not a ham, you have an even better chance. Also,
>you may want to get an eyeball on her before salivating too much. Send her
>a New Years card (you have her callsign and a callbook, no?) and put in a
>picture <if you dare>.

It should be a picture of your shack. Preferably with
impressive QSL cards in the background.

You could offer your excellent shack for use during contests.

--
Julian Macassey, N6ARE julian@bongo.tele.com Voice: (310) 659-3366
Paper Mail: Apt 225, 975 Hancock Ave, West Hollywood, California 90069-4074

Date: 24 Dec 1993 23:25:34 GMT
From: usc.edu!howland.reston.ans.net!vixen.cso.uiuc.edu!qualcomm.com!
unix.ka9q.ampr.org!karn@network.ucsd.edu
Subject: So near and yet so far
To: ham-digital@ucsd.edu

In article <2feb49INN53e@abyss.West.Sun.COM>, myers@sunspot.West.Sun.COM (Dana Myers) writes:

|> In article <2fdsh9\$1jt@news.ysu.edu> ad815@yfn.ysu.edu (John S. Kennedy) writes:

|> >Yes, boys and girls ... it finally happened ... I met a young
|> >lady ON PACKET who is ... get this ... 21, within driving distance,
|> >and has been a ham since she was 11 YEARS OLD!
|> >
|> >..... B U T !!!!!!!!!!!!!
|> >
|> >SHE HAS A BOYFRIEND!!!!!!!!!!!!!!!!!!!!
|>
|>
|> Big deal! Get your Extra and she'll dump him for you...

Yeah. Women simply can't resist men who can copy code at 25wpm or faster. Why do you think all we Extras so strongly favored the no-code license? To reduce the competition, of course!

: -)

Phil

Date: 28 Dec 1993 02:11:40 GMT
From: swrinde!cs.utexas.edu!gerald@cc.utexas.edu!paulus@network.ucsd.edu
Subject: Xtal for Maxon DM-0530 data radio
To: ham-digital@ucsd.edu

Hi, I just got a pair of Maxon DM-0530, but there is no xtal inside.
Now the questions are:

- what are the frequency range of this data radio
- where can I get the xtals ?

Thanks for all pointers

Paulus

--

Paulus Suryono Adisoemarta

yono@ccwf.cc.utexas.edu
paulus@nextover.pe.utexas.edu
n5snn@n5snn.ampr.org

Newsgroups: rec.radio.amateur.digital.misc
Subject: Xtal for Maxon DM-0530
Summary:
Followup-To:
Distribution: usa
Organization: Petroleum Engineering Dept, U of Texas, Austin
Keywords:
Cc:

Hi, I just got a pair of Maxon DM-0530, but there is no xtal inside.
Now the questions are:

- what are the frequency range of this data radio
- where can I get the xtals ?

Thanks for all pointers

Paulus

--
Paulus Suryono Adisoemarta
paulus@nextover.pe.utexas.edu
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End of Ham-Digital Digest V93 #160

